

What is Claimed is:

- 1 1. A method of managing information input via a sensor device and a position-coding
2 pattern printed on a product, comprising:
3 reading coordinates of said sensor device based on movement of said sensor device
4 relative to said position-coding pattern, said position-coding pattern including marks, the
5 coordinates of which define an imaginary surface that includes all marks which the
6 position-coding pattern codes, said imaginary surface being divided into at least a first
7 region and a second region; and
8 executing an information management function based on coordinates read from said
9 first region, said information management function managing information formed by
10 coordinates read from said second region.
- 1 2. A method as claimed in claim 1, wherein said information management function is
2 one of: storing information, sending information, and converting information.
- 1 3. A method as claimed in claim 1, wherein said information management function is
2 a send function by which said sensor device sends coordinates from a send area of said first
3 region to a database device which allocates a particular send address to said send area,
4 which is used to send message information to a recipient.
- 1 4. A method as claimed in claim 3, wherein said send address is communicated to
2 said sensor device, which sends a request to a computer device defined by said send
3 address to execute a program in said computer device.
- 1 5. A method as claimed in claim 4, wherein said program analyzes coordinates read
2 from said second region and sends a request to said sensor device to transfer the message
3 information, the program generating a message according to said information.
- 1 6. A method as claimed in claim 5, wherein said program generates an e-mail which
2 is sent to a recipient.

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1 7. A method as claimed in claim 6, wherein the e-mail address for said recipient is
2 included in the message information.

1 8. A method as claimed in claim 5, wherein said program generates a function for
2 performing an electronic commerce service.

1 9. A method as claimed in claim 1, wherein said surface comprises at least one of a
2 send region, a note region, a general region, an application domain region, a private region
3 and a direct-managed region.

1 10. A system for managing information input via a sensor device and a position-coding
2 pattern printed on a product, comprising:

3 coordinate reading means for reading coordinates of said sensor device based on
4 movement of said sensor device relative to said position-coding pattern, said position-
5 coding pattern including marks, the coordinates of which define an imaginary surface that
6 includes all marks which the position-coding pattern codes, said imaginary surface being
7 divided into at least a first region and a second region; and

8 information management means for executing an information management function
9 based on coordinates read from said first region, said information management function
10 managing information formed by coordinates read from said second region.

1 11. A system as claimed in claim 10, wherein said information management function
2 executed by said information management means is one of: storing information, sending
3 information, and converting information.

1 12. A system as claimed in claim 10, wherein said information management function
2 executed by said information management function means is a send function which enables
3 said sensor device to send coordinates from a send area of said first region to a database
4 device which allocates a particular send address to said send area, which is used to send
5 message information to a recipient.

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1 13. A system as claimed in claim 12, wherein said send address is communicated to
2 said sensor device, which sends a request to a computer device defined by said send
3 address to execute a program in said computer device.

1 14. A system as claimed in claim 13, wherein said program analyzes coordinates read
2 from said second region and sends a request to said sensor device to transfer the message
3 information, the program generating a message according to said information.

1 15. A system as claimed in claim 14, wherein said program generates an e-mail which
2 is sent to a recipient.

1 16. A system as claimed in claim 15, wherein the e-mail address for said recipient is
2 included in the message information.

1 17. A system as claimed in claim 14, wherein said program generates a function for
2 performing an electronic commerce service.

1 18. A system as claimed in claim 10, wherein said surface comprises at least one of a
2 send region, a note region, a general region, an application domain region, a private region
3 and a direct-managed region.

1 19. A product comprising:
2 a writing area having a position-coding pattern thereon, said position-coding pattern
3 including marks, the coordinates of which define an imaginary surface that includes all
4 marks which the position-coding pattern codes, said imaginary surface being divided into
5 at least a first region for digitally recording message information and a second region
6 defining a function which is to be performed with regard to the digitally recorded message
7 information.

1 20. A product as claimed in claim 19, wherein the first region and said second region
2 belong to different regions of said imaginary surface.

- 1 21. A product as claimed in claim 19, wherein said second region defines at least one of
 - 2 a storing function, a sending function, and a converting function.
 - 1 22. A product as defined in claim 19, wherein said second region defines a send address
 - 2 designating a destination for digitally recorded message information of said first region.
 - 1 23. A product as defined in claim 19, wherein digitally recorded message information
 - 2 of said first region includes an email address to be associated with said function.
 - 1 24. A product as defined in claim 19, wherein said product includes at least one of a
 - 2 send region, a note region, a general region, an application domain region, a private region
 - 3 and a direct-managed region.